HHE UNICED SHATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Anibersity of Georgia Research Youndation, Inc. (HGARI) and Anibersity of Clorida Agricultural Experiment Station (YAES)

TITCLEAS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT, VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE EASIG SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS OM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, UNDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN SIGN A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY POUNDED BY THE PLANT VARIETY PROVIDED BY THE PLANT VARIETY POUNDED BY THE PLANT VARIETY PROVIDED BY THE PLANT PROVIDED B

WHEAT, COMMON

'AGS 2000'

In Testimons Inferent. I have hereunto set my hand and caused the seal of the Plant Buriety Protection Office to be affixed at the City of Washington, D.C. this twentieth day of September, in the year two thousand two.

-Allost:

MMJel Commissioner

Plant Variety Protection Office Agricultural Marketing Service

AND THE PROPERTY OF THE PROPER

Secret Mariculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following state-nents are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

Application is required in order to determine if a plant variety protection certificate is to be issued
(I U.S.C. 2421). Information is held confidential until certificate is issued (I U.S.C. 2426).

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Exhibit A

Origin and Breeding History of 89482E7 'AGS 2000'

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'89482E7', a soft red winter wheat (Triticum aestivum L.), was cooperatively developed and released by the Georgia and Florida Agricultural Experiment Stations in 1999. 89482E7 was derived from a three way cross, 'Pioneer 2555'/PF 84301//'FL302'. The final cross was made in the fall of 1989. PF 84301 (PF 7576/PF 78901//CNT10/BR5) is an experimental line from Brazil with Al tolerance. The F1 was grown in the field during the 1990 season. The population was advanced from the F2 through F5 generations using the pedigree method of breeding with individual spikes selected for resistance to leaf rust (caused by Puccinia recondita (Roberge ex Desmaz), powdery mildew (caused by Erysiphe graminis DC. f. sp. tritici Em. Marchal), and septoria nodorum blotch (caused by Stagonospora nodorum (Berk) Castellani & E.G. Germano). Spikes were harvested, threshed individually and planted in single 1 meter headrows and were advanced to the next generation during the F2:3-, F3:4-, and F4:5-derived lines at Griffin, GA. 89482E7 is the F5:derived bulk of four head rows selected from 55 head rows. Breeder seed, produced in 1999, is in the F10 generation.

89482E7 was evaluated for agronomic performance in nursery plots in 1995, GA-FL state trials at five locations from 1996 to 1999, and in the Uniform Southern Soft Red Winter Wheat Nursery at 25 locations in 1999.

A increase strip of 89482E7, about 250 sq.ft., was planted in 1997 from a small increase plot and was rogued thoroughly for aberrant types. Seeds from this increase strip was planted in a Increase block at the Foundation Seed Farm in 1998 and rogued to remove variants. The current lot of Foundation seed (F11) derived from this multiplication has a small percentage of variants. The variant consists of 3/10,000 tall late green types, 3/10,000 awnless blue types, and 7/10,000 short awnless green types.

Approximately, 1000 spikes were selected from the large Increase block in 1998 and used to establish an improved lot of Breeder Seed. These heads were threshed and planted in an Increase block in 1999 and rogue for any variants. This Breeder seed of 89482E7 was provided to the Georgia Seed Development Commission and will be the source of future seed multiplications. The Breeder seed of 89482E7 is uniform and stable.

Breeder seed of 89482E7 will be maintained by the Georgia Agricultural Experiment Station, University of Georgia, Georgia Station, Griffin, GA 30223-1797.

Exhibit A

PF 84301, (PF 7576/PF 78901//CNT10/BR5) is an elite experimental line obtained from the National Wheat Improvement Center, EMBRAPA, Passo Fundao, Rio Grande du Sol, Brazil.

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'89482E7' has been observed for 7 generations of reproduction and 3 years during the seed increase period and is stable and uniform.

The variant consists of 3/10,000 tall late green types, 3/10,000 awnless blue types, and 7/10,000 short awnless green types.

Exhibit B

'89482E7' is most similar to 'FL 302'; however, 89482E7 has a distinct blue-greenish plant color (wax present on its leaf sheath) at boot stage while FL 302 has a green color (no wax present on its leaf sheath).

Exhibit C

Flag leaf: not twist

Coleoptile-anthocyanin: absent

Peduncle: present

M4H 6/4/2001 Exhibit B

Novelty Statement

'A65 2000'

89482E7 is a soft red winter wheat, awned, and white chaffed.
89482E7 is most similar in appearance to FL 302 in plant type.
89482E7 has a blue-greenish plant color at boot stage while FL
302 has a green color. It has wax present on its leaf sheath
while FL 302 has the wax absent on its leaf sheath. 89482E7
possessess the 1B/1R translocation while FL 302 does not have the
translocation, data provided by USDA-ARS, Lincoln, NE.

In comparison to FL 302, 89482E7 (Lr2a,9,+) is resistant to leaf rust races, TDRL, MCRQ, CBRQ, and MBTL while FL 302 (Lr10) is susceptible to these specific races.

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, , , , , , , , , , , , , , , , , , ,	98 11:49AM UGA RESEA U.S.	DEPARTMENT OF AGRICULTURE		P.6/10P.6/10
		CULTURAL MARKETING SERVICE SCIENCE DIVISION BELTSVILLE, MARYLAND 20708	C	(Wheat)
	OBJECTIV	VE DESCRIPTION OF VARI WHEAT (Triticum spp.)	IETY 	
		······································	FOR O	FICIAL USE ONLY
[AME OF APPLICANT(S)) ty of Teorgia Research	Foundation, Inc.	PVPO NUMBER	0000141
	or R.F.D. No., City, State, and Zip Code)			Y NAME
			VARIE	'A65 2600' A
•			8948ZE7	NGS 2000
			TEMPORARY OR EX DESIGNATION	PERIMENTAL
	tions for your variety; lack of r	esponse may delay progress of you	r application.	
	1=Common 2=Durum	3=Club 4=Other (SPEC	CIFY)	
1 1 2. VERNALIZATIO	1=Common 2=Durum N: I=Spring 2=Winter		CIFY)	
. KIND: 1 VERNALIZATIO	1=Common 2=Durum N: I=Spring 2=Winter	3=Club 4=Other (SPEC	CIFY)	
LI VERNALIZATIO	1=Common 2=Durum N: I=Spring 2=Winter	3=Club 4=Other (SPEC	CIFY)	
VERNALIZATIO 2 COLEOPTILE AL	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present	3=Club 4=Other (SPEC	CIFY)	
LEND: 1 VERNALIZATIO 2 COLEOPTILE AL 1 JUVENILE PLAN 2	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present OT GROWTH: 1=Prostrate 2=Semi-er	3=Club 4=Other (SPEC	CIFY)	
LEND: 1 VERNALIZATIO 2 COLEOPTILE AL 1 JUVENILE PLAN 2	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present OT GROWTH: 1=Prostrate 2=Semi-er	3=Club 4=Other (SPEC	CIFY)	
I VERNALIZATIO 2 COLEOPTILE AI JUVENILE PLAN 2 PLANT COLOR 3	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present IT GROWTH: 1=Prostrate 2=Semi-er (boot stage): 1 = Yellow-Green 2 = 6	3=Club 4=Other (SPEC	CIFY)	
LEOND: 1 VERNALIZATIO 2 COLEOPTILE AL JUVENILE PLAN 2 5. PLANT COLOR	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present IT GROWTH: 1=Prostrate 2=Semi-er (boot stage): 1 = Yellow-Green 2 = 6	3=Club 4=Other (SPEC 3=Other (SPECIFY)	CIFY)	
I VERNALIZATIO 2 COLEOPTILE AI JUVENILE PLAN 2 PLANT COLOR 3 FLAG LEAF (bo	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present VT GROWTH: 1=Prostrate 2=Semi-er (boot stage): 1 = Yellow-Green 2 = 6 ot stage): 1 = Erect 2 = Recurved	3=Club 4=Other (SPEC 3=Other (SPECIFY)	CIFY)	
LEAG LEAF (bo	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present VT GROWTH: 1=Prostrate 2=Semi-er (boot stage): 1 = Yellow-Green 2 = 0 ot stage): 1 = Erect 2 = Recurved	3=Club 4=Other (SPECIFY) 3=Other (SPECIFY) rect 3=Erect Green 3 = Blue-Green	CIFY)	
I VERNALIZATIO 2 COLEOPTILE AI JUVENILE PLAN 2 PLANT COLOR 3	1=Common 2=Durum N: I=Spring 2=Winter NTHOCYANIN: 1=Absent 2=Present (T GROWTH: 1=Prostrate 2=Semi-er (boot stage): 1 = Yellow-Green 2 = 0 ot stage): 1 = Erect 2 = Recurved CE: Number of Days Earlier Th	3=Club 4=Other (SPECIFY) 3=Other (SPECIFY) rect 3=Erect Green 3 = Blue-Green	1 = Not Twisted	

2 = PURPLE

FL302

1 = YELLOW

9. PLANT HEIGHT (from soil to top of head, excluding awns):

cm Taller Than.

cm Shorter Than.

_ <u>[RECE</u> IVED 03/18 12:06 1998 AT 770 . MAR.18.1998 11:50AM	ZZ93Z15 PAGE 8 (UGA RESEARCH FOUNDATIO	PRINTED PAGE B)] ON	NO.576 Exhibit (videal) Page
10. STEM: A. ANTHOCYANIN 1 1= Absent 2-Pr	esent		200000141
B. WAXY BLOOM 2=Pre	esent		
C. HAIRINESS (last internode 1=Absent 2=Pre	of rachis) esent		
D. INTERNODE (SPECIFY NULL) 1 Hollow 2=Set	UMBER) mi-solid 3=Solid		
E. PEDUNCLE 2=Pro	esent		
cm Length		<u> </u>	.
11. HEAD (at Maturity): A. DENSITY 2=Midde	ense 3= Dense		
B. SHAPE 2 1 = Tapering 2=	=Strap 3 = Clavate	4 = Other (SPECIFY)	
C. CURVATURE 1 = Erect 2 = In	clined 3 = Recurved		
D. AWNEDNESS 1 - Awnless 2 -	- Apically Awnletted 3	- Awnletted 4 - Awned	
12. GLUMES (at Maturity): A. COLOR 1 - White 2 - 7	Tan 3 = Other (SPECIF	Y)	· · · · · · · · · · · · · · · · · · ·
B. SHOULDER 2 1 = Wanting 2	= Oblique 3 = Rounded	4 = Square 5 = Ele	evated 6 = Apiculate
C. BEAK 3 1 = Obtuse 2 =	Acute 3 = Acuminate		
D. LENGTH 3 1 = Short (ca. 7mm)	2 = Medium (ca. 8mm)	3 = Long (ca. 9mm)	
E. WIDTH 3 1 = Narrow (ca. 3m)	m) 2 = Medium (ca. 3.5m;	n) 3 = Wide (ca. 4mm)	
13. SEED: A. SHAPE 1 1 = Ovate 2 = 0	Oval 3 = Elliptical		
B, CHEEK 1=Rounded 2=	-Angular		
C. BRUSH 1-Short 2-Me	edium 3=Long	1	Not Collared 2 = Collared
D. CREASE 1 = Width 60% or 1 2 = Width 80% or 1 3 = Width Nearly as	ess of Kernel	2 = Depth 3	.0% or less of Kernel 5% or less of Kernel 0% or less of Kernel

E .		03/18 12:07 1998 AT 18.1998 11:51AM		PAGE 10 (P) CH FOUNDATION	RINTED PAGE 10)	NO.576 Exhirm	/10an Page 4
5.	INSECT:	(0=Not Tested;	1=Susceptible;	2=Resistant;	3=Intermediate;	4=Tolerant) UUUU	V 1 4 1
-	-		PLEASE S	SPECIFY BIOTY	PE (where needed)		
	Hessia 2	m Fly (Mayetiola destri		P**	Marriero -		
	Stem S	Sawfly <i>(Cephus</i> spp.)		F"			
	Cerea o	Leaf Beetle <i>(Oulema</i>	melanopa)				.
	Russia	nn Aphid <i>(Diuraphis n</i>	oxla)				
	Green 0	bug (Schizaphis grami		Osh			
	Aphid	7		Oth	er (SPECIFY)		-

Exhibit D

Additional Description of 89482E7

`A65 2000'

89482E7 is a common soft red winter wheat, Triticum aestivum L. bred and developed by the University of Georgia, Georgia Agricultural Experiment Stations and developed jointly by Jerry W. Johnson and Ron D. Barnett with the University of Florida, Florida Agricultural Experimental Station.

89482E7 is a medium maturing, high yielding, high test weight, awned wheat with resistant to current races of leaf rust,

Puccinia recondita (Roberge ex Desmaz) and predominant biotype (biotype O) of Hessian flies, (Mayetiola destructor (Say), and moderately resistant to powdery mildew, (Erysiphe graminis DC. f. sp. tritici Em. Marchal) in Georgia.

Head emergence (114 Julian days) is about 4 days earlier than FL 302. Plant height of 89482E7 (87 cm) is 1 cm shorter than FL 302. The spikes are erect at maturity, middense, strap, and awned. The glumes are midwide and long with oblique shoulder and acuminate beaks. Kernels are red and ovate; the kernel brush is short; the kernel cheek is rounded. and the kernel crease is shallow in width and medium in depth.

Kernel weight is 38 mg.

Milling and baking quality characteristics of 89482E7 are rated as acceptable for soft red winter wheat use by the USDA-Soft Wheat Quality Laboratory, Wooster, OH. Information on the milling and baking quality characteristics is also included in a quality report. Additional information is presented in Tables 1-13 attached to this Exhibit.

MAH Hulzooi

RYE CHROMOSOMES

1 FL 302	non-1RS
2 COKER 9835	non-1RS
3 COKER 9663	non-1RS
4 MASON	non-1RS
5 MO 94-317	non-1RS
6 AR 494B-2-2	non-1RS
7 FL92944RCX	1BL.1RS
8 LA87167-D8-10-2	non-1RS
9 NCV93-1007	non-1RS
10 LA 8952B7-3-1	non-1RS
11 LA 90239B19-2-4	non-1RS
12 LA 9012B121-3-1-4	non-1RS
13 GA89482E7 'A6S 2	000 1BL.1RS
14 GA881186E48	non-1RS
15 GA891283LE18	non-1RS
16 BL 930390	non-1RS
17 BL 930138	non-1RS
18 BL 931127	non-1RS
19 TX94D 4465	non-1RS
20 SC92 1285	non-1RS
21 SC92 1299	non-1RS
22 TX90-83	non-1RS
23 FL 85225	1BL1RS
24 FL88 68	non-1RS
25 AR 584A-3-1	non-1RS
26 XW662	non-1RS
27 XW663	1BL.1RS
28 NC94-7197	1BL.1RS
29 NCV94-6049	1BL.1RS
30 VA96-54-3/2	non-1RS
31 TNX97-1	non-1RS
32 AP-D93*7163	1BL.1RS
33 AP-D94-5389	non-1RS
34 AP-D94-5282	1BL.1RS

data provided by R.A. Graybosch, USDA-ARS, Lincoln, NE

MAH 6-4-2001

LEAF RUST

:		<u>.</u>		ling Re			•			Postulated
	React	ions p	roduce	d by N	A race	*				Spadling
1 FL 302	TUKL	PLM(J ILGC	SCDC	3 MCRO	2 MDR	3 BBB8	3 CBRQ LB	BQ MBTL	genes***
	3	3;	•	•	3	•	;	3	3 3	10
	;-3		3	;	;	•	;	;		2a, 9, 11
3 Coker 9663		3;	÷ :	;	•	. ;	0.	•		+
4 Mason	į	;		;		;	0;		• 1 E	+
5 MO 94 317	3	3;	3;	;	3	3;	;	3	-	10, 11, +
6 AR 494B-2 2	3	3,	3;		3	. 3	•	- :	3	10, +
7 FL92944RCX			;	;1c	;1c2	• ;	0;	;1c		4
8 LA87167-D8-10 2) - 1	i.	•	; ;	;2c	•	. ;	3; ;1	c; ;1c	+
9 NCV93 1007	3	;	,	;	•	3	,	0;	. 3	24, +
10 LA8952B7-3-1	•	;	;	. :	•	,	0;		•	+
11 LA90239B19-2-4		•		;	•	- }	•			+ . +1.
12 LA9012B121-3-1-		;	3	;	;	;	0;		vis sami	2a, 9, +
13 GA89482E7 A6s a	'000°			r .	,1c2			:1c :-	3	+
14 GA881186E48	3	;1c	;1c	;1c	3	3	•	;1c ;1	с 3	3, 11, +
15 GA891283LE18	3	;	3	-	3	3		The State of the Control of the Cont	3	11 +
16 BL930390	;-3	•	;-3	;-3		•		;1c :	·	+
17 BL930138	∵ ;:3	;-3	; 3		3			3	;1c2	10, 11, 18
18 BL931127	3;	;3			3	:		3 3	er er statte att at en statte.	11, 18, +
19 TX94D4465	3			;1c		0;				2a, 10
20 SC921285	3;	3	•	;1c	;3	;1c3	•	3	ं कड़ कड़ 3	3, 10, +
21 SC921299	3;	3		.1c		:1c3		3;	3;	
22 TX90-83	;-3	3	:3	:1c	: 3	3	•	3; ;	3;	10, 18, +
23 FL85225						. Ĭ.	. 4. 🎍		- 3.7 3 33	• • • • • • • • • • • • • • • • • • •
24 FL8868	•	3	3	•	•	• •	•			•
25 AR584A-3-1		3-:	1381.∑1			်):		Service State Service		y mari
26 XW662	;1c3			•	3	:1c	• • • • • • • • • • • • • • • • • • •		:1c2	のこ。下 - 10 11 1
27 XW663				;2c2	:2c	:1c		ic	, ILZ	, 10, 11, 1
28 NC94 7197	Transcriptions, type .	usakin Meru Yesiya M	alares Morros. ≛	;2c2	3	Tarakanan	. (* 1864) * •	;1c2 ;1c		2 26 ·
29 NCV94-6049				3	1994-946 ()			alli karangan karang	,	3, 26, +
30 VA96-54 372	3	ecerc liceology	;3	;1c	3	3	•	3 ;		
31 TNX97 1	3	3	⊗ 3	ું 3	ું 3 ∵	3	ં	;1c ;1c 3 3	Of the control of the	+
32 AP D93*7163	er en	A. 19.556000000	:::::::::::::::::::::::::::::::::::::	;1c	;1c	জিলামার্কিন জি •	. 4 . (6.66)	*	3 :	. 0
33 AP-D94-5389	;2		;3		3	;ic		;1c ; 3 3	· · · · · · · · · · · · · · · · · · ·	+ #0 40
34 AP-D94 5282		;2		3;1c	3	· · · · · · ·		ა ა 3 ვ	;1 c -3	10, 18
* Single genes tested = 1	, 2a, 2c, 3	, 3ka.	9, 10, 1	1 16 1	7. 18. 2	24. 26 :	30	<u> </u>		10, 18
	•			.,, ,	. , , .	1 (

**Virulence Formula: TDRL = 1, 2a, 2c, 3, 3ka, 10, 11, 24, 30 TLGG = 1, 2a, 2c, 3, 9, 11, 18 MCRQ = 1, 3, 3ka, 10, 11, 18, 26, 30

SCDG = 1, 2a, 2c, 11, 17, 26 MDRB = 1, 3, 3ka, 11, 24, 30 CBBO = 3, 3ka, 10, 11, 18, 30

BBBB = no virulence LBBQ = 1, 10, 18

CBRQ = 3, 3ka, 10, 11, 18, 30 MBTL = 1, 3, 3ka, 10, 11, 17, 30

PLMQ = 1, 2c, 3, 3ka, 9, 10, 18, 30

identify with these Lr virulence combinations

data provided by D.L. Long, USDA-ARS Cereal Disease Laboratory, St. Paul, MN

^{***0 =} no gene(s) detected with these Lr combinations; += Lr gene(s) present but unable to

STEM RUST

Seedling reactions of 1997-98 Uniform Southern Soft Red Winter Wheat Nursery entries to selected isolates of wheat stem rust. (USDA-ARS, Cereal Disease Laboratory, University of Minnesota, St. Paul, MN 55108, by D.V. McVey.)

	TPMK	HKCJ	RKRQ	RTQQ	QTHJ	RTQS	QFCQ
1 FL 302		S	0	1	S	12N	0
2 Coker 9835	S	0	S	S	0	S	0
3 Coker 9663	0	0	S	0 ,	0	S	0
4 Mason	0	. 0	0	0	0	0	0
5 MO 94-317	0	•	0	2BN	0	. 0	S
6 AR 494B-2-2	S	S	<i>:</i> 0	2BN	S	Ó	0
7 FL 92944RCX	2=	1	0	31 x 1 ±	0	0	0
8 LA 87167-D8-10-2	0	0	0	0	0	0	0
9 NCV 93-1007	0	0.	0		0	0	2-
10 LA 8952B7-3-1	S	0	0	2-	0	0	0
11 LA 90239B19-2-4	2	2	2	2	2+	2	2
12 LA 9012B121-3-1-4	0	0	0	S	0	S	S
13 GA 89482E7 AGS 2	οοό' 2=	2=	:1-	1	Ō	:1-N	0
14 GA 881186E48	S	S	0	2BN	S	S	S
15 GA 891283LE18	Š	S	2	2	Š	ž	S,2
16 BL 930390	S	S	0	2BN	2	2	S
17 BL 930138	Ō	· · · · · · ·	0	2BN		0	ŏ
18 BL 9311 2 7	0	0	0	2	n in a service of the	n N	0
19 TX 94D4465	S S	Š	Š		Š	Ŏ	Š
20 SC 921285	0	0	0	2BN	n	n	2+
21 SC 921299	ŏ	0	. 0	2BN	Filip (North Se	ž	2N
22 TX 90-83	S	\$		1	^ % % Y -0% % %	2=	1N
23 FL 85225	2=	. 0	a de Calente		ം പ്ര	0	
24 FL 8868	S	Λ	U - 1989- 8 -3-3	2BN	0	n	21
25 AR 584A-3-1	S	S	S	S	S	S	S S
26 XW 662	S	S	1-N	0	0.	1	2
27 XW 663	2≡	2=	2=	2=	0	1	2=
28 NC 94-7197	 0	 0		 0	0	 O	;1-N
29 NCV 94-6049	2=	0	2=	2=	0	0	, 1-14
0.400.000.000.000.000.000.000.000.000.0	-		5.000 post por properties		europhausphauspherichen scholben		\$\$\$00000000000000000000000000000000000
30 VA 96-5 4- 372 31 TN X97-1	2 S	2 0	23	0	S	23 S	2-C
32 AP-D93*7163		retribution and service and contracting to	S 2-	S	0	S	;1N
33 AP-D94-5389	0	0	2=	2=	0	0	0;
34 AP-D94-5389	0 2-	0	0	0;	0	0	1
J+ Ar-D94-0Z0Z	2=	0	0	0;	0	1	2=
	Set I	Sr 5	Sr 21	Sr 9e	Sr 7b		
	Set II	Sr 11	Sr 6	Sr 8	Sr 9g	•	
	0.41	0.00	0.0	2. 4			

Set III

Set IV

Sr 36

Sr 9a

Sr 9b

Sr 9d

Sr 30

Sr 10

Sr 13-17

Tmp

ADVANCED NURSERY EVALUATION FOR SOFT WHEAT MILLING AND BAKING QUALITY

REGION 2	•	•	•	
= warmer, higher leaf rust = Ma	ndanna FL: MILLING	BAKING	COMPINED	• • • • •
Griffin GA; Brooksville MS; Kins		QUALITY	COMBINED	MICR
LAB Florence SC; St.Matthews SC	SCORE	SCORE	QUALITY	T.W.
NO.		OCORE	SCORE	LB/BU
STANDARD = COKER 9835	#3686 100.0 A	100.0 A	100 o ×	ير شود.
3685 1 FLORIDA 302	102.1 A	98.5 B	100.0 A	5 5.9
3686 2 COKER 9835	100.0 A	100.0 A	98.5 B	55.3
3687 3 COKER 9663	99.8 B	84.8 E	100.0 A	55.9
3688 4 MASON	102.6 A	96.7 B	84.8 E 96.7 B	58.5
³⁶⁸⁹ 5 MO 94-317	105.5 A	108.4 A	105.5 A	57.3
3690 6 AR 494B-2-2	101.0 A	96.0 B	96.0 B	55.6
3691 7 FL92944RCX	98.7 B	97.6 B	90.0 В 97.6 В	58.1
³⁶⁹² 8 LA87167-D8-10-2	99.5 B	97.4 B	97.4 B	54.6 *
3693 9 NCV93-1007	102.4 A	102.8 A	97.4 В 102.4 А	58.5
3694 10 LA8952B7-3-1	92.3 C	84.0 E	84.0 E	57.1
3695 11 LA90239B19-2-4	93.0 C	96.4 B	93.0 C	59.1
3696 12 LA9012B121-3-1-4	98.5 B	103.2 A	93.0 C 98.5 B	58.1
3697 13 GA89482E7 '465 2000'	104.1 A	98.2 B	98.2 В	58.9
3698 14 GA881186E48	96.3 B	97.7 B	96.3 B	58.7
3699 15 GA891283LE18	96.2 B	100.8 A	96.2 B	58.6
3700 16 BL930390	95.2 B	93.0 C	93.0 C	57.7 54.3 *
3701 17 BL930138	99.6 B	100.9 A	99.6 B	59.9
3702 18 BL931127	100.4 A	89.0 D	89.0 D	58.9
3703 19 TX94D4465	102.1 A	100.6 A	100.6 A	60.3
3704 20 SC921285	89.5 D	93.3 C	89.5 D	57.5
3705 21 SC921299	91.4 C	92.2 C	91.4 C	57.8
3706 22 TX90-83	94.0 C	45.1 F	45.1 F	55.3
3707 23 FL85255	91.0 C	76.7 F	76.7 F	57.9
3708 24 FL8868	103.4 A	105.9 A	103,4 A	55.2
3709 25 AR584A-3-1	101.4 A	100.7 A	100.7 A	57.9
3710 26 XW662	101.0 A	100,2 A	100.2 A	57.8
3711 27 XW663	98.4 B	87.9 D	87.9 D	59.8
3712 28 NC94-7197	100.5 A	98.5 B	98.5 B	60.9
3713 29 NCV94 6049	102.8 A	103.1 A	102.8 A	57.5
3714 30 VA96-5:4-372	99.1 B	93.4 C	93.4 C	56.5
3715 31 TNX97	104.3 A	105.1 A	104.3 A	57.8
3716 32 AP-D9 7163	102.2 A	98.8 B	98.8 B	58.0
3717 33 AP-D94-5389	96.4 B	96.0 B	96.0 B	58.9
3718 34 AP-D94-5282	87.7 D	86.6 D		57.2

data provided by P.L. Finney, USDA-ARS, Soft Wheat Quality Lab, Wooster, OH

ADVANCED NURSERY EVALUATION FOR SOFT WHEAT MILLING AND BAKING QUALITY 20000141

REGION 2			·	1000
= warmer, higher leaf rust = Marianna	C COET			
Griffin GA; Brooksville MS; Kinston N	1FL; SOF I.	FLOUR	FLOUR	MICRO
LAB Florence SC; St.Matthews SC	c: EQUIV	YIELD	PROT.	AWRC
NO.				
STANDARD = COKER 9835 #368				
3685 1 FLORIDA 302		69.3	7.88	61.7
3686 2 COKER 9835	63.9 *	71.4	8.42	55.1
³⁶⁸⁷ 3 COKER 9663	68.8	69.3	7.88	61.7
3688 4 MASON	, 56.9 Q	70.5	7.63	55.8
³⁶⁸⁹ 5 MO 94-317	66.1	70.1	8.27	56.4
³⁶⁹⁰ 6 AR 494B-2-2	69.9	71.4	8.21	55.3
³⁶⁹¹ 7 FL92944RCX	59,4 Q	71.0	8.42	54,6
3692 8 LA87167-D8-10-2	68.0	69.2	8.20	59.9
³⁶⁹³ 9 NCV93-1007	56.4 Q	70.9	8.51	59.9 52.7
3694 10 LA8952B7-3-1	63.0 *	72.2	8.60	53.6
3695 11 LA90239B19-2-4	58.0 Q	68.4 *	8.84	The second
3696 12 LA9012B121-3-1-4	64.8 *	67.8 *	8.37	55.6 60.7
	63.4 *	69.3	8.04	60.7
3697 13 GA89482E7 'A65 2000' 3698 14 GA881186E48	64.8 *	71.9	8.37	56.0
3699 15 GA891283LE18	62.3 *	68.9	8.40	59.8
3700 16 BL930390	65.7	68.5	8.14	55.9
3701 17 BL930138	66.0	68.6	7.75	57.6 58.6
3702 18 BL931127	60.6 Q	69.9	8.72	54.6
3703 19 TX94D4465	60.8 Q	70.1	8.70	56.2
³⁷⁰⁴ 20 SC921285	60.7 Q	70.9	8.41	55.6
3705 21 SC921299	63,1 *	67.2 Q	9.46	59.7
3706 22 TX90-83	63.9 *	67.6 Q	9.48	60.1
3707 23 FL85255	49.0 Q	70.7	9.87	
3708 24 FL8868	59.9 Q	68.0 *	9.31	62.1 59.2
³⁷⁰⁹ 25 AR584A-3-1	66.7	70.4	8.60	56.3
3710 26 XW662	60.4 Q	71.3	8.50	52.4
3711 27 XW663	59.7 Q	73.5	7.69	52.0
3712 28 NC94-7197	58.3 Q	69.9	8.94	55.1
³⁷¹³ 29 NCV94-6049	57.6 Q	71.0	8.31	53.8
3714 30 VA96-54-372	63.3 *	72.1	8.58	55.3
3715 31 TNX97-1	64.9 *	69.5	7.61	58.2
3716 32 AP-D93*7163	65.8	72.2	7.96	52.8
3717 33 AP-D94-5389	61.8 *	70.7	8.75	54.8
³⁷¹⁸ 34 AP-D94-5282	59.1 Q	69.3	8.40	54.7
lata provided by D.L. C.	60.4 Q	67.2 Q	9.13	57.3

data provided by P.L. Finney, USDA-ARS, Soft Wheat Quality Lab, Wooster, OH

ADVANCED NURSERY EVALUATION FOR SOFT WHEAT MILLING 0 1 4 1 AND BAKING QUALITY

R	Ε	G	Ю	N	2
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		NEGION 2				
		= warmer, highe	er leaf rust = Marianna FL	COOKIE	TOP	
•			ksville MS; Kinston NC;	DIAM.	GR.	•
LAB		Florence SC; St.	.Matthews SC			
NO.						
***			COKER 9835 #3686	17.68	4	
3685	1	. 2011/071/30		17.68	5	
3686	2			17.68	4	
3687	3	a = 1.171.1 dog.	3	17.30 *	5	
3688				17.51	4	
3689	5			18.28	5	
3690	6	i kan ing ing ing ing ing ing ing ing ing in		17.73	6	
3691	7	FL92944RCX		17.48	2	
3692	· 8	· - · · · · · · · · · · · · · · · · · ·		18.38	6	
3693	9	NCV93-1007	· ·	18.35	4	
3694		LA8952B7-3-		17.22 *	2	
3695	11			17.55	3	
3696	12		- T. T. T. Market 101	18.05	4	
3697	13	GA89482E7	and the second s	17.63	4	
3698	14			17.70	4	
3699 3700	15 16		18 - 18 - 18 - 18 - 18 - 18 - 18 - 18 -	17.72	4	
3701	17			17.34 *	4	
5.55		BL930138	en e	18.25	6	
	19	TX94D4465		17.35 *	4	
is Willed to be	25.50	SC921285		17.90	6	·
	21	SC921299		17.46	2	
1170,838364 (0.000)	2005	TX90-83		17.38 *	3	
A.A. A. 500000.000.00	23	FL85255		15.89 Q	1	
33.556.5569.652	24	FL8868		16.80 Q	2	
2000 0000000000000000000000000000000000	A CONTRACT	AR584A-3-1		18.06	4	
9648988800000000000000	26	XW662		18.03	6	Consideration of the con-
	27	XW663		18.48	4	
idelija ir kanadasi sava	28	NC94-7197		17.39 * 18.10	4	d plant times
3713 2	29	NCV94-6049		17.93	5	
3714 3	0	VA96-54-372		17.93 17.40 *	6	
3715 3	1	TNX97-1		18.38	3	
3716 3	2	AP-D93*7163	the second of the contract of	10.36 17.77	4 3	
3717 3		AP-D94-5389		17.74		
3718 3		AP-D94-5282	the state of the s	17.7 4 17.25 *	3	
		A SA A SA SA DE LA CALLA CALLA		11.20	2	

ta provided by P.L. Finney, USDA-ARS, Soft Wheat Quality Lab, Wooster, OH

ATTACHMENT I

APPLICATION FOR APPROVAL OF X CULTIVARS ___ASSOCIATE CULTIVARS (Please check appropriate type of application)

- 1. Crop: Wheat
- 2. Experimental no. or name: GA 89482E7 'AGS 2000'

MAH 6/4/2001

- 3. Pedigree and history: Pioneer 2555/PF 84301//FL302. The final cross was made in the fall of 1989. PF 84301 is an experimental line from Brazil. The F1 was grown in the field during the 1990 season. Individual spike selections were made in the F2 to F6 generations at Griffin, GA. The pedigree method of breeding was used to advance the segregating populations. In 1995, a headrow was harvested for preliminary evaluations. Agronomic evaluations were conducted in 1996 in Elite Nursery trials and during 1997 and 1998 in the Small Grain State Performance trials for Georgia. It was evaluated in 1998 in the Uniform Southern Wheat Nursery.
- 4. Description: GA 89482E7 is a high yielding, medium-maturing, awned, white chaffed, a medium-tall statue at maturity with good straw strength and with high test weight. It matures on average 1 day earlier than GA Gore. It is resistant to currently predominant races of powdery mildew, moderately resistant to leaf rust and resistant to biotypes of Hessian fly in Georgia.
- 5. Station(s) where developed: Georgia
- 6. Participating scientist(s): Jerry Johnson, Barry Cunfer, G. David Buntin, and Dan Bland
- 7. In what respect is the new cultivar superior to the cultivar now in use? or reasons for proposing release as an associate cultivar.

GA 89482E7 is a high yielding (Tables 1, 2, 3, 6, 9) and a high test weight (Tables 1, 2, 4, 7, 10) line with medium maturity. In comparison to the most popular medium maturing varieties, GA 89482E7 was better than or equal to Coker 9835 and Pioneer 2684 for grain yield performance (Table 2, 3 and 6). For 2-year average at five locations in the state performance trials in Georgia (Table 9), GA 89482E7 yielded significantly better than Coker 9835 at Tifton; Pioneer 2684 at Tifton and Griffin; and both Coker 9835 and Pioneer 2684 over the five locations.

GA 89482E7 showed no difference for test weight (58.2 lbs/bu.) from P 2684 or C 9663 which are varieties with exceptional high test weight (Tables 4, 7,

A65 2000 '

10) but has better test weight than C 9835. GA 894892E7 has equal (excellent) resistance to lodging as compared to the Coker 9835 and Pioneer 2684 (Tables 1, 2, 4, 7, 10).

MAH 6/4/2001

GA 89482E7 possesses excellent resistance to powdery mildew (Tables 5, 8, 11) which is equal to P 2684 and better than C 9835 or C 9663. Ga 89482E7 is no worse for susceptibility to leaf rust than Coker 9835 and Pioneer 2684 (Tables 5, 8, and 11). GA 89482E7 has shown to have excellent resistant to Hessian fly (Tables 5 and 8) which is equal to Coker 9835 and Pioneer 2684. In regional trials, GA 89482E7 yielded higher than the current grown check cultivars Coker 9835 and simiar to the new check, Coker 9663, in the southeastern region (24 locations) (Table 12). Out of 34 entries, GA 89482E7 ranked 5th for yield in entry means across all locations.

- 8. Method of propagation: Seed
- 9. Amount of breeder seed stocks available (if applicable): 20 bu.
- 10. Amount of foundation seed stocks available (if applicable): 1000 bu./ 1999
- 11. Amount of cutting or bud material available for vegetatively propagated material for nursery distribution (if applicable):
- 12. Is there likely to be unusual difficulty encountered in the production of any class of seed stocks? Explain. No
- 13. Three suggested names for the cultivar: Moss, Houston, Sumter
- 14. Name approved by plant cultivar and germplasm release committee: Moss
- 15. Form of intellectual property protection: Plant Variety Protection
- 16. Is a royalty assessment recommended: X Yes ____ No

Plalo, Way

GA 89482E7 'AGS 2000'

RECOMMENDED BY:

۹.	Originating Scientist		B
.	Assistant Dean		DChairperson, GAES Plant Cultivar and Germplasm Release Committee
•	Associate Dean for Research		
		APPROVED:	
			and Director cultural & Environmental Sciences

Table 1. Average performance of GA 89482E7 and check cultivars in Preliminary Nursery at two locations (Plains and Griffin), 1995.

Entry	Yield Bu/A	Test Wt. 1bs/bu ₁	Lodging %	Date Headed₁	Height in
GA 89482E7- 'A65 2000'	87.6	60.1	5	3/29	38
C 9134	74.2	58.3	5	4/07	37
C 9835	65.4	58.9	0	4/06	30
Dozier	68.6	61.3	0	4/10	35
P 2684	75.8	61.4	0	4/03	36

¹ Plains

Table 2. Average performance of GA 89482E7 and check cultivars in Elite Nurseries at two locations (Plains and Midville), 1996.

Entry	Yield Bu/A	Test Wt. lbs/bu ₁	Lodging %	Date Headed₁	Height in
GA 89482E7 1/46 \$ 2000	94.2a	58.9	0	4/20	37
C 9134	94.7a	58.5	5	4/20	41
C 9835	90.4ab	58.6	0	4/19	32
Dozier	85.7c	60.3	0	4/23	34
P 2684	88.6bc	62.4	0	4/17	36

₁ Plains

Table 3. Average yield performance of GA 89482E7 and check cultivars in State Performance Trials at five locations in 1997.

			Location			
Entry	Tifton	Plains	Midville	Griffin	Calhoun	Average
GA 89482E7 A65 2000	57.1a	32.5c	63.5a	86.9a	57.8a	59.6a
C 9835	49.0bc	56.8a	62.5ab	86.3a	49.4b	60.8a
C 9663	50.3b	45.9b	63.5a	78.7b	60.4a	59.8a
P 2684	53.8ab	47.8b	62.7ab	90.8a	59.6a	62.9a
Gore	47.3b	24.6d	57.5b	74.6b	48.0b	50.4b

Table 4. Performance of GA 89482E7 and check cultivars in state performance trials for 1997.

Entry	Test Wt. 1bs/bu	Lodging %	Date Headed	Height in
GA 89482E7 AGS 2000	'58.0a	12a	3/28	37
C 9835	55.4b	10a	3/29	33
C 9663	57.2a	16a	3/28	38
P 2684	58.0a	8a	3/27	36
Gore	55.0b	44b	3/29	34

Table 5. Average performance of GA 89482E7 and check cultivars in state performance trials for 1997.

Entry	Leaf Rust ¹ %	Powdery Mildew ₂ %	Hessian Fly ₃ %	Septoria nodorum ₄ %
GA 89482E7 'A6S 2000'	25b	0a	5a*	4
C 9835	30b	13b	11a	55
C 9663	0a	16b	5a	22
P 2684	45b	0a	8a	10
Gore	44b	1a	29b	15

¹ Tifton, Plains, Griffin

Table 6. Average yield performance of GA 89482E7 and check cultivars in State Performance Trials at five locations in 1998.

			Location			
Entry	Tifton	Plains	Midville	Griffin	Calhoun	Average
GA 89482E7,	66.4a	72.7a	37.1a	92.1a	53.0ab	64.3a
C 9835	62.5ab	55.4c	21.9b	83.7a	55.3ab	55.8b
C 9663	43.7c	64.6b	18.2b	73.5b	60.9a	52.2bc
P 2684	56.0b	64.4b	37.9a	69.9b	45.1bc	54.7bc
Gore	49.2c	64.0b	11.4c	69.2b	38.7c	46.5c

² Tifton, Griffin

³ Griffin, * Coker 9803 had 60% infestation.

⁴ Tifton, Griffin, Calhoun

Table 7. Performance of GA 89482E7 and check cultivars in state performance trials for 1998.

Entry	Test Wt. 1bs/bu	Lodging %	Date Headed	Height in
GA 89482E7 'A6S 2000	58.4a	1a	4/13	37
C 9835	55.1b	1a	4/15	32
C 9663	57.6a	15a	4/14	40
P 2684	58.8a	3a	4/14	36
Gore	56.1b	13a	4/16	35

Table 8. Average performance of GA 89482E7 and check cultivars in state performance trials for 1998.

•				
Entry	Leaf Rust¹ %	Powdery Mildew₂ %	Hessian Fly₃ %	Septoria nodorum ₄ %
GA 89482E7 'A65 2000'	1a	0a	2a	34
C 9835	100b	21b	6a	7
C 9663	10a	35b	10a	9
P 2684	100b	0a	0a	8
Gore	98b	1a	1a	6
<u> </u>				

¹ Plains



² Tifton

 $^{^{3}}$ Plains, * Coker 9803 had a 59% infestation.

⁴ Tifton, Plains

Table 9. Average yield performance of GA 89482E7 and check cultivars over 2 years (1997-1998) at five locations.

			Location			
Entry	Tifton	Plains	Midville	Griffin	Ca1houn	Average
'A6S 2000 ' GA 89482E7	61.7a	52.6a	50.3a	89.5a	55.4ab	61.9a
C 9835	55.8b	56.1a	42.2a	85.0ab	52.3b	58.3b
C 9663	47.0c	55.2a	40.9a	76.1c	60.6a	56.0b
P 2684	54.9b	56.1a	50.3a	80.6bc	52.4b	58.9b
Gore	48.0c	44.3a	34.4a	71.9c	43.3c	48.4c

Table 10. Average performance of GA 89482E7 and check cultivars over 2 years (1997-1998).

Entry	Test Wt. 1bs/bu	Lodging %	Date Headed	Height in
, GA-89482E7 'AGS 2000'	58.2a	7a	4/07	37
C 9835	55.2b	6a	4/08	33
C 9663	57.4a	16a	4/08	39
P 2684	58.4a	6a	4/08	36
Gore	55.5b	29a	4/08	35

Table 11. Average performance of GA 89482E7 and check cultivars over 2 years (1997-1998).

Entry	Leaf Rust %	Powdery Mildew %	Hessian Fly %	Septoria nodorum %	
'AGS 2000 ' GA-89482E7	13a	0a	2a	19	
C 9835	65b	17b	7a	31	
C 9663	0a	25b	7a ·	16	
P 2684	73b	0a	2a	9	
Gore	71b	1a	8a	12	

Table 12. Average performance of GA 89482E7 and check cultivars in the Uniform Southern Soft Red Winter Wheat Nursery (24 Trials)+, 1998.

Entry	Yield Bu/A	Test Wt Lbs/Bu	Date Headed	Lodging	Height	Leaf Rust, %	Powdery Mildew, %
'A6S 2000' GA-89482E7	60.4	56.7	114	16	34	15	1
C 9835	56.8	53.8	117	1	31	24	30
C 9633	60.2	57.4	116	28	38	2	35
FL 302	50.8	52.9	117	10	36	35	24

⁺ States and (number of Locations) tested: Alabama (1), Arkansas (2), Florida (1), Georgia (2), Idaho (1), Kansas (2), Kentucky (2), Maryland (1), Missouri (1), Mississippi (1), North Carolina (2), Ohio (1), Pennsylvania (1), South Carolina (3), Tennessee (1), Texas (1), Virginia (1).

Table 13. Average yield performance of GA 89482E7 and check cultivars in the Uniform Nursery by locations in 1998.

Location									
Entry	AL	SC-C	SC-F	SC-S	NC-K	NC-R	FL	GA	Avg
'A65 2000 ' GA 89482E7	54	99	41	70	41	72	48	86	64
C 9835	56	81	41	63	38	65	50	75	59
C 9663	61	87	36	53	40	73	57	80	61
Mason	55	87	45	72	41	66	45	81	62
P 26R61	53	72	33	77	34	56	50	72	56

AL: Bella Mina

SC-C: Clemson

SC-F: Florence

SC-S: St. Mathews

NC-K: Kinston

NC-R: Rowland

FL: Marianna

GA: Plains

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995. Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).					
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP						
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME MA4 6/4/01				
University of Georgia Research Foundation University of Phorido Agricultural Experiment Station	GA89482E7	89482E7 'A65 Z				
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (include area code)	6. FAX (include area code)				
Boyd Graduate Studies Building D.W. Brooks Drive	(706) 542-6512 (706) 542-3837					
Athens, GA 30602-7411	7. PVPO NUMBER 2 0 0 0	001411				
8. Does the applicant own all rights to the variety? Mark an "X" in appropri	iate block. If no, please explain.	X YES NO				
		. <u></u> :				
9. Is the applicant (individual or company) a U.S. national or U.S. based or	ompany?	X YES NO				
If no, give name of country						
10. Is the applicant the original owner?	O If no, please answer one of the t	ollowing:				
a. If original rights to variety were owned by individual(s), is (are) the or	iginal owner(s) a U.S. national(s)?					
		•				
	If no, give name of country					
b. If original rights to variety were owned by a company(ies), is(are) the		y?				
☐ YES ☐ N	[O If no, give name of country					
11. Additional explanation on ownership (if needed, use reverse for extra s	pace):					
The following of the second of						
SEE ATTACHED	•					
PLEASE NOTE:						
Plant variety protection can be afforded only to owners (not licensees) who meet o	ne of the following criteria:					
If the rights to the variety are owned by the original breeder, that person must b which affords similar protection to nationals of the U.S. for the same genus and	e a U.S. national, national of a UPOV mem	ber country, or national of a country				
2. If the rights to the variety are owned by the company which employed the origin	nal breeder(s), the company must be U.S. b	ased, owned by nationals of a UPOV				
member country, or owned by nationals of a country which affords similar prot	•	•				
3. If the applicant is an owner who is not the original owner, both the original own	ner and the applicant must meet one of the a	bove criteria.				
The original breeder/owner may be the individual or company who directed final b						
According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collective information collection is 0581-0055. The time required to compute this information collected searching existing data sources, gathering and maintaining the data needed, and completing and	tion is estimated to average 10 minutes per responsiving the collection of information.	EN' EICHORIG THE TRUE IO I COMMON STREET				
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EXHIBIT E STATEMENT OF APPLICANT'S OWNERSHIP

MAH 6/4/01 Wheat - 89482E7 'A65 2000'

The variety for which plant variety protection is hereby sought is owned jointly by the University of Georgia Research Foundation, Inc. (UGARF) and the Florida Agricultural Experiment Stations, University of Florida (FAES).

Ownership by UGARF in the variety for which plant variety protection is hereby sought is based on the Patent Policy approved by the Board of Regents of the University System of Georgia on June 9, 1982, in which the Board of Regents assigned to the University of Georgia Research Foundation, Inc. all rights in intellectual property developed or created by employees at The University of Georgia, one of the universities of the University System of Georgia. Rights of novel plant varieties developed at The University of Georgia, including '89482E7', are covered by said Patent Policy. As employees of The University of Georgia, Jerry W. Johnson, Barry Cunfer, and G. David Buntin, pursuant to said Patent Policy, have assigned their rights in '89482E7' to the University of Georgia Research Foundation, Inc.

Ron Barnett and Paul Pfahler are employees of the Florida Agricultural Experiment Stations, the University of Florida.